

Dishwashers



nike
controlled

EWS
Energy and water
SAVING SYSTEM

Pass-through machines

DV 80.2

DV 120.2

Group
1





DV 80.2 and DV 120.2:

Dishwashing technology for outstanding results

The very latest state of the art technology presented in a classical and well established format. With maintenance-friendly, smooth stainless steel surfaces, logical design and clear operating display, these washers already stand out from the rest.

However, the true qualities of these machines are found in their finer details, starting with the optimised wash and rinse system, on to the perfect tank design and right through to the unique filter system. Both of these machines offer efficient and smooth operation.

The DV 80.2 is designed for washing dining dishes and coffee sets, but can also be used as a high-performance glasswasher.

The DV 120.2 is supplied with an electronically controlled wash programme and is also designed for the efficient cleaning of commercial dishes, pots, containers, etc.

A choice of three wash programs with various running times and most advanced electronics guarantee an impeccable quality of cleaning and a cost-effective operation.

On the following pages you will discover the advantages that have long been associated with MEIKO products and examples of our trend-setting washing technique.



The DV 80.2 pass-through machine



The DV 120.2 pass-through machine

A star with three leading roles: the MEIKO DV 120.2

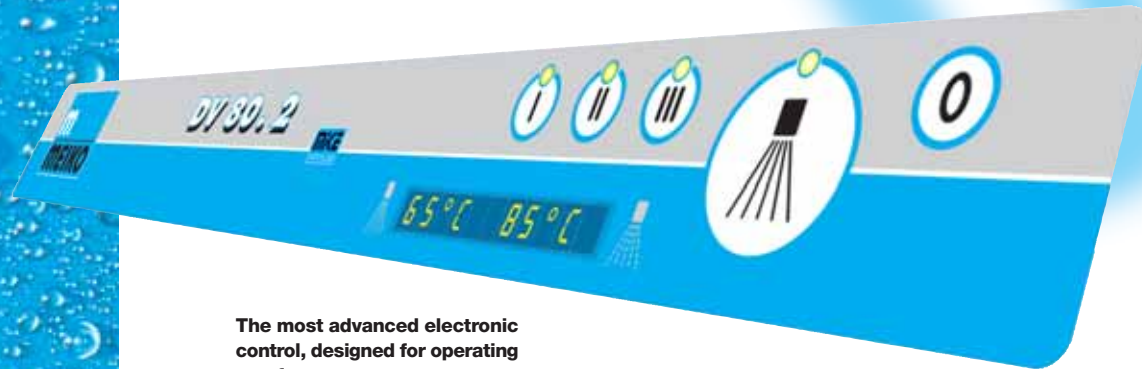


The DV 120.2 not only has three different programme cycles, but also **three different pump motor out-puts**. The result: **Three different models combined in just one machine**, which means that you are always able to select the most appropriate power settings.

Your advantages:

- Optimum control of wash power settings according to ware type and dirtiness. Choice of **three power levels**:
Gentle wash e.g. for coffee sets
Intensive wash for dining dishes
Power wash for kitchen utensils, pots, etc.
- **Direct correlation between motor capacity and wash wares**, resulting in a reduction in energy consumption.
- **Electronically controlled soft start** of the wash pump in order to avoid abrupt vibrations on start-up, thus preventing damage to both - the crockery and the dishwashing machine.

Infrared technology guarantees first-class service



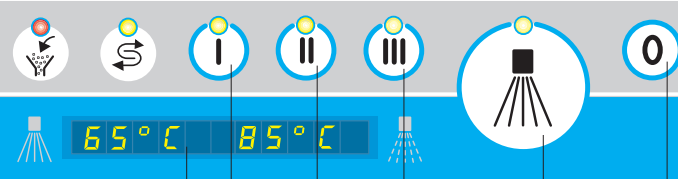
The most advanced electronic control, designed for operating comfort.

The MEIKO DV 80.2 and DV 120.2 pass-through machines are equipped with the modern MIKE 2 full electronic control system as standard. The three programmes are selected by lightly pressing on the appropriate area of the keypad. Operating status and any relevant messages are shown on the digital display. Symbols that are easy to understand, combined with clearly displayed wash and rinse temperatures make operating this machine seem like child's play.



MIKE 2 - the brand new electronic control system with integrated infrared interface for .2 generation washers.

MIKE 2 represents today's most innovative dishwasher control technology. And now, thanks to the intelligent "M-Commander W" (PDA palmtop), it could not be easier to read, define and modify data, as well as to transfer data via PC and online to the factory/service department for immediate processing. For servicing and maintenance, the "M-Commander W" offers huge benefits, enabling the customer to save on time, effort and expenditure.



Temperature display for wash and final rinse

Short programme

Normal programme

Intensive programme

Start button

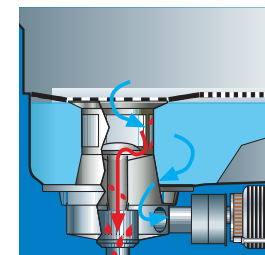
Off button

A host of new features under the hood

■ **Double-walled insulation of the hood** for first class sound and heat insulation

■ **Upper and lower wash and rinse system** in high grade stainless steel

■ **22 litre wash tank located to the front of the machine** - for ease of cleaning

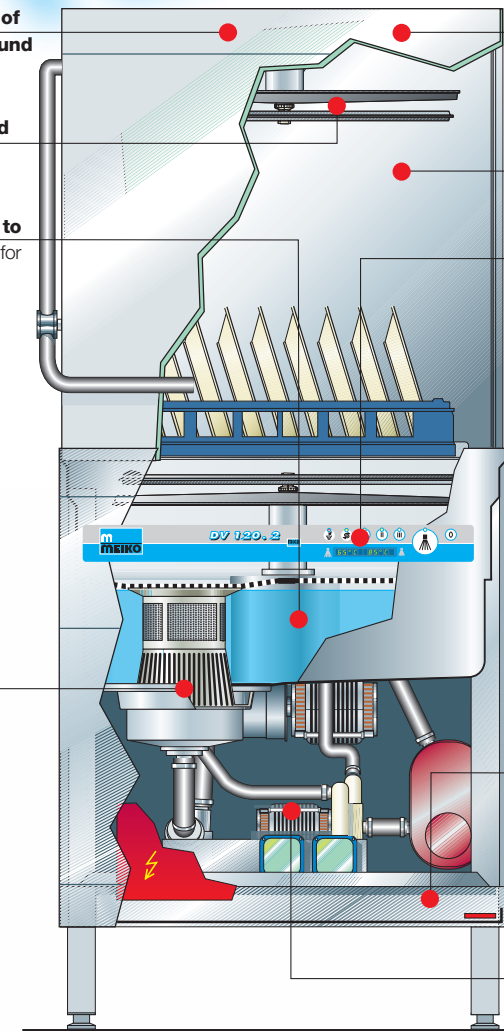


"ActivePlus" wash water fine filter system

for superb cleaning results thanks to the multiple filtration of the wash tank water



MEIKO EWS Technology: This technology is based on the consistent realisation of the advantages of the MEIKO ActivPlus drain filter technology, the excellent effectiveness of which provides the suds with a previously unknown level of "purity". Only 2,6 liters of fresh water are now needed per rinse cycle to achieve first-class results.



■ **Sloped interior ceiling** with surrounding drip channel prevents suds from dripping onto washed items.

■ **Smooth interior walls easy-to-clean**

■ **Fully-electronic programme sequence** with touch sensitive control panel and infrared interface

■ **Self-cleaning programme** following machine drain down



Aqua-Stop System with base drip tray

High level of operating security with the automatic water leakage detection control - protection of all integral machine components

Booster pump

for perfect rinsing results independent of the incoming supply pressure. Pump maintains a steady rinse water temperature and rinse quantity



Hose and cable connection kit (water, waste water and electrics). Commissioning is quick and cost-effective and the built-in drain pump allows waste discharge up to a height of 700 mm.

Functional advantages - made by professionals for professionals

Ergonomic working thanks to the wrap around hood handle.
Closing the hood starts the programme (automatic hood start).



“Active Plus” wash water fine filter system.

Combined with the tank sieves, the Active Plus filter system serves to provide optimum wash water by multi-filtering. This means that the tank water stays cleaner for longer, resulting in the highest, most hygienic cleaning quality.



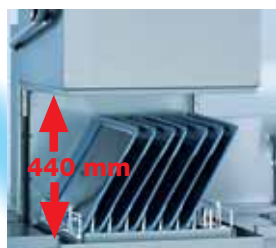
Total access to the entire washing chamber.

Wash tank positioned beneath two practical, easy-to-remove perforated covers.



Practical passing height of 440 mm.

Ideal for larger items such as GN trays, extra high presentation dishes, and taller than standard glassware items.



MEIKO features at a glance:

- Rinse aid and detergent dosing pumps
- 150 mm ground clearance
- Rear-vented hood directs steam away from operator
- Wash time extension according to temperature. Hygienic and safe under all operating conditions.
- 22 litre tank capacity; rapid start-up times; low operating costs; quick tank regeneration.
- Effective rinse system using only 3.5 litres of water per rinse cycle.
- Control panel in high grade stainless steel
- Customer-friendly service: easy access; clearly arranged equipment; high degree of reliability (protection class IP X5); quick and reliable MEIKO service and maintenance network.
- Proven quality with various test certificates.

With built-in “Active Clean” water softener (optional), the following features are also available:

- Machine is always ready for operation thanks to regeneration during the rinse cycle
- Extraordinarily high capacity
- Fully automatic regeneration
- Salt status control
- No need for operator intervention until “refill salt”.

Innovative and powerful wash technology perfected



Bespoke system layout and ware loading options:

whether an in-line pass-through or a space-saving corner model, the ideal construction of MEIKO pass-through machines facilitates an almost unlimited range of layout options. In order to provide the most effective dishwashing

system, we have a comprehensive table programme comprised of a huge number of different table designs, from the simple sliding table right through to a complete dish clearing station with integrated glasswasher (see diagram above).

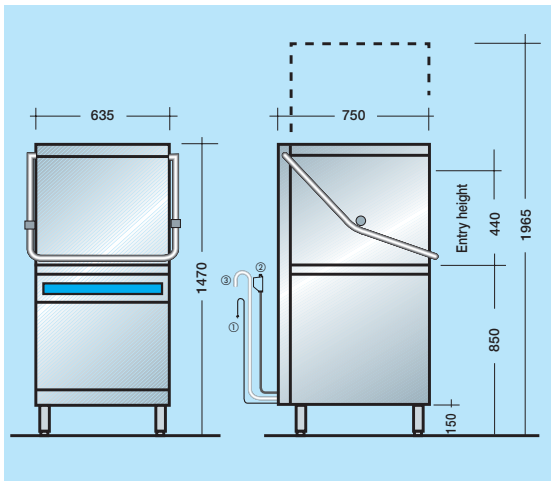
Saremo felici di proporre, su richiesta, altre soluzioni alle vostre particolari esigenze di lavaggio.



Above: classic, in-line pass-through system

Below: space-saving corner installation

Dimensions and technical data:



Available wash cycles:

DV 80.2:

Short programme	= 60 seconds
Normal programme	= 90 seconds
Intensive programme	= 210 seconds

DV 120.2:

Gentle wash	= 60 seconds	(power level I)
Intensive wash	= 90 seconds	(power level II)
Power wash	= 210 seconds	(power level III)

For connection to cold water and/or short basket exchange times, the wash cycles may increase to achieve hygienic final rinse temperatures.

Capacity with built-in "Active Clean" water softener (optional):

with 10 °dH, c. 1.380 wash cycles

with 20 °dH, c. 690 wash cycles

with 30 °dH, c. 460 wash cycles

Subsequently, all that is required is the "refill salt".



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	DV 80.2	DV 120.2
Basket dimensions (mm)	500 x 500	500 x 500
Baskets (per hour)	60/40/17	60/40/17
Plates (per hour)	1.080	1.080
Glasses (per hour)	2.160	
Pump motor (kW)	0,73	1,5
Tank capacity (litres)	22	22
Final rinse quantity (litres)	2,6	2,6
Tank heating (kW)	1,3	1,3
Rinse boiler for		
45 °C inlet temperature (kW)	7,5	7,5
10 °C inlet temperature (kW)	9	9
Total connected load		
45 °C inlet temperature (kW)	9,6	10,3
10 °C inlet temperature (kW)	11,1	11,8

Electrical installation:

Electrical connection: ①
3-phase NPE, 400 V, 50 Hz. With integrated "Active Clean" water softener, total supply increases by 0,17 kW. Circuit complies with the requirements of the VDE (German Association of Electrical Engineers).

without the use of intermediate safety fixtures ②. Flow pressure should be between 0.6 and 5 bar. Installation requirements of DIN 1988 and EN1717 are to be observed. 3/4" drain. Wall-mounted, on-site drain should be max. 700 mm high ③. Length of connection cables from the machine is c. 1,4 m.

Water installation:

The machines can be connected directly to the fresh water supply



In accordance with the hygiene requirements of DIN 10511-H for commercial glasswashing and DIN 10512 for commercial dishwashing.

